

Serial No.: 10/811,171

PU030101

**Remarks**

In view of the following discussion, the applicants submit that none of the claims now pending in the application are anticipated under the provisions of 35 U. S. C. § 102. Thus, the applicants believe that all of these claims are in allowable form.

**REJECTIONS**

A. 35 U. S. C. § 102

1. Claims 1-10 are not anticipated by Saccomanno

Claims 1-10 stand rejected under 35 U. S. C. § 102(b) as being anticipated by Saccomanno (U. S. Application Publication US2003/0025842 A1 published February 6, 2003). The applicants submit that claims 1-10 are not anticipated by this reference.

Claim 1 is directed to a light engine of a projection display device (see, specification at page 1, lines 12-13). The light engine of the projection display device includes an illumination source 310, a light-dividing prism 320 and a plurality of integrators 330A, 330B, 330C (see, FIG 3 and the specification at page 3, lines 21-23). The light-dividing prism 320 receives light 301 from the illumination source 310 and provides such light 301 to each of the plurality of integrators 330A, 330B, 330C (see, FIG. 3 and the specification at page 3, lines 23-29). Each integrator 330A, 330B 330C thereafter directs the light toward a projection system where such light is separated into its component red, green and blue (RGB) bands of light (see, specification at page 4, lines 7-9).

Saccomanno describes a fiber based color separation device (see, Saccomanno at paragraph 0046). The color separation device includes an array of fibers 160a, 160b, polarizing elements 163a, 163b, and a series of cube beam

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splitters 180a, 180b, 180c one for each of red, green and blue light (*see*, Saccomanno at FIG. 3 and page 4, paragraph 0070). The array of fibers 160a, 160b provides light to polarizing elements 163a, 163b which is then separated in component red, green and blue light by the series of cube beam splitters 180a, 180b, 180c (*see*, Saccomanno at FIG. 3 and page 4, paragraph 0070).

Saccomanno does not describe or suggest a light engine of a projection display device in which a light-dividing prism receives light from an illumination source and provides the light to each of a plurality of integrators that thereafter direct such light toward a projection system where the light is separated into its component red, green and blue (RGB) bands of light. Rather, Saccomanno merely describes a color separation device in which an array of fibers provides light to a series of cube beam splitters which separate such light into component red, green and blue bands. Further, the color separation device of Saccomanno is only applicable to the output of light from applicants plurality of integrators. Since Saccomanno does not describe or suggest a light engine of a projection display device in which a light-dividing prism receives light from an illumination source and provides the light to each of a plurality of integrators that thereafter direct such light toward a projection system where the light is separated into its component red, green and blue (RGB) bands of light, claim 1 is patentable over Saccomanno.

Independent claim 6 recites subject matter similar to that of claim 1 for a projection system. Claims 2-5 and 7-10 depend directly from claims 1 and 6, respectively. For the same reasons as stated above for claim 1, claims 2-10 are also patentable over Saccomanno.

#### CONCLUSION

Thus, the applicants submit that none of the claims, presently in the application are anticipated under the provisions of 35 U. S. C. § 102. Consequently, the applicants believe that all of the claims are presently in

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condition for allowance. Accordingly, both reconsideration of this application and its swift passage to issue are earnestly solicited.

If, however, the Examiner believes that there are any unresolved issues requiring adverse final action in any of the claims now pending in the application, it is requested that the Examiner telephone Ms. Patricia A. Verlangieri, at (609) 734-6867, so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

No fee is believed to have been incurred by virtue of this amendment. However, if a fee is incurred on the basis of this amendment, please charge such fee against deposit account 07-0832.

Respectfully submitted,



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